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MEMORANDUM FOR   Howard Hogan
                 Chief, Decennial Statistical Studies Division

From: Donna Kostanich
                 Assistant Division Chief, Sampling and Estimation
                 Decennial Statistical Studies Division

Prepared by: James Farber
                 Sample Design Team

Subject: Accuracy and Coverage Evaluation: Consistency of
                 Post-Stratification Variables

The attached document was prepared, per your request, to assist the Executive Steering
Committee on A.C.E. Policy in assessing the data with and without statistical correction.

This report focuses on the consistency of post-stratification variables between the P sample and
E sample. The analysis is limited to P-sample and E-sample cases that matched following person
matching.

Accuracy and Coverage Evaluation: Consistency of Post-Stratification Variables

James Farber
U.S. Census Bureau

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Accuracy and Coverage Evaluation: Consistency of Post-Stratification Variables

prepared by James Farber

Executive Summary

We assessed the consistency of the tenure, age/sex, and race/Hispanic origin domain post-stratification variables. A post-stratification variable is consistent when a person's reported or imputed responses to that variable in the P sample and E sample are the same or result in the person being assigned to the same category of the variable. For example, a person who reports her age as 28 in the Accuracy and Coverage Evaluation (A.C.E.) interview but says she is 27 on her census form is consistent because she is in the 18 to 29 category of the Age post-stratification variable in both the P sample and E sample.

To assess consistency, we compared the data for matching P-sample and E-sample people. People who do not match are excluded from this analysis. To compare the P and E samples, we must have responses in both of those systems, and only matched people satisfy this criterion.

What are the overall rates of inconsistency?

Overall, the rates of inconsistency for the matched cases are about 5 percent or lower for all of the post-stratification variables. We have not quantified the effect of this level of inconsistency on the A.C.E. estimates.

What are the potential effects of inconsistency?

When people switch categories of a post-stratification variable, they are placed into two different post-strata: one based on their P-sample response and the other based on their E-sample response. If the coverage properties of these two post-strata are similar, then the effects of inconsistency are negligible. However, if the coverage properties differ significantly, then inconsistency contributes to heterogeneity bias that can affect the A.C.E. estimates. For example, the coverage correction factor for a given population group will be lower than the true factor if many people from a group with better coverage mis-classified themselves into the poorer coverage group. This effect can occur even if the inconsistency is balanced overall. For example, the switching between owners and non-owners could be equal but the coverage correction factors for those groups could still change if owners and non-owners have different match rates or correct enumeration rates.

Even with heterogeneity bias, the coverage correction factors for all post-strata are still in the direction of the true factors. The solution to avoiding inconsistency is to collapse post-strata, which introduces significantly more heterogeneity bias than inconsistency alone. Also, because the A.C.E. estimates are based on match and correct enumeration rates, which are generally near

one for all post-strata, mis-classification would have to be severe to significantly affect the coverage correction factors for a group.

What particular groups have the highest rates of inconsistency?

Of the two tenure groups, seven age/sex groups, and seven race/Hispanic origin domains, two groups stand out with particularly high rates of inconsistency: the domains of American Indian off reservations and Native Hawaiian and Pacific Islander. These domains have inconsistency rates at least two times higher than any other major demographic group. For the American Indian off reservations domain, much of the switching occurs with Non-Hispanic White or Other Race. A.C.E. results indicate that the Non-Hispanic White domain has better coverage than American Indian off reservations (Davis, 2001). Thus the pattern of inconsistency in the American Indian off reservations domain reduces the coverage correction factor for the domain. But because most of the matched people in the American Indian off reservations domain are consistent, its coverage correction factor is still closer to the truth than a factor provided by collapsing the domain into other post-strata. A similar situation may exist in the Native Hawaiian domain.

How does imputation affect inconsistency?

Imputed cases have significantly greater rates of inconsistency than non-imputed cases for all of the post-stratification variables. This does not imply that the imputation methods are faulty, however. The P-sample and E-sample imputation methods have different processes and different amounts of data available for imputation, factors that contribute to higher rates of inconsistency for imputed people.

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Introduction

The Accuracy and Coverage Evaluation (A.C.E.) consists of two independent samples. The first is a sample of the population in selected A.C.E. sample areas, known as the Population or P sample. Matching these people to census records provides an estimate of the proportion of the population missed in the census. The second is a sample of the census enumerations in the same A.C.E. sample areas, known as the Enumeration or E sample. An estimate of the proportion of correctly enumerated census people can be determined using the results of matching the P sample to the census, checking for duplication among the census records, and re-interviewing when needed to determine the correct inclusion of each E-sample person. Together, these estimates measure the net omissions or erroneous enumerations in the census.

The A.C.E. includes dual system estimates for up to 448 post-strata for the 50 states and the District of Columbia (Haines, 2000A). Each P-sample person and E-sample person is assigned to a post-stratum based on the values of race, Hispanic origin, age, sex, and tenure. Ideally, a P-sample person who matches to an E-sample person will have consistent values for those post-stratification variables, but in reality this may not occur. If a matched person does not have consistent characteristics in his P-sample and E-sample records, then that single person would be classified into two different post-strata when estimating the net proportions of people missed or correctly enumerated in the census.

The purpose of this report is to get an indication of the consistency of the post-stratification variables between the P sample and E sample. Persistent differences in the classification of people in the census and the A.C.E. may introduce a potential bias into the coverage estimates. This bias is sometimes referred to as classification error.

One reason the two systems may differ is when a person has an unknown post-stratification variable that is filled in through characteristic imputation. Both the P sample and E sample are subject to characteristic imputation. Appendix 1 gives the criteria for determining if a characteristic has undergone imputation. There are separate criteria for the P and E samples. For this analysis, if a characteristic is imputed for either the P sample or the E sample, then the entire case is considered imputed for that characteristic.

This report distinguishes between imputed and non-imputed characteristics. Some tables display results for total cases and non-imputed cases. The corresponding results for imputed cases are the difference between the total and non-imputed. This decomposition clarifies the source of inconsistency. For imputed cases, inconsistency is often attributable to the characteristic imputation procedure. For non-imputed cases, inconsistencies arise due to inconsistent reporting, which has many possible causes including the data collection mode, time lag from reference day, proxy responses, or data capture difficulties. This report does not explore these reasons for misclassification.

This report also excludes adjustments for P-sample matches to E-sample duplicates. In the person matching process, a P-sample case may possibly match to an E-sample case later found to be a duplicate of another E-sample case or a non-E-sample census record. In this situation, we use only the matched P-sample and E-sample records to assess consistency.

A similar analysis on consistency was conducted for the 1998 Census 2000 Dress Rehearsal and the 1995 Census Test (see Salganik, 1999 and Petroni, 1996A and 1996B). An analysis on the 1990 Post-Enumeration Survey (PES) data is desirable but information linking PES P-sample and E-sample records is not readily available, making such an analysis difficult at this time.

Methodology

How do we measure consistency?

A variable is defined as consistent when the information collected for a person is the same in the P sample and E sample or results in the classification of the person to the same category of the post-stratification variable. For example, a person who reports her age as 28 in the P sample and 27 in the E sample would be classified in the 18 - 29 group of the age post-stratification variable, and thus that person's age is consistent even though it does not match exactly.

What are the limitations on this analysis?

Measuring consistency requires both a P-sample response and an E-sample response for a person, which limits this analysis to only matched people. This means we may under-report the amount of inconsistency. The non-matched people may be more inconsistent simply because they cannot be matched. One should use caution when drawing conclusions about the entire population based on the consistency of only the matched people. Ideally, this report would include the non-matched cases to obtain an overall measure of inconsistency, but this is not possible. Assessing consistency requires that the P-sample and E-sample information be linked. Non-matched people do not have that link, and thus can not be studied.

Also, we excluded P-sample people who matched to census enumerations not in the E sample during the Targeted Extended Search operation, in which census enumerations in blocks surrounding the E-sample clusters were searched to reduce the number of P-sample non-matches. Including such cases is technically feasible but difficult in practice, and the gain in assessing consistency would likely be minimal because there are few of these cases compared to the number of matches.

Results

What are the post-stratification variables involved?

The post-stratification variables considered in this analysis are tenure, age/sex, and race/Hispanic origin domain. The other post-stratification variables are geographically assigned variables that by definition are consistent between the P and E samples. A person is defined as consistent if their P-sample and E-sample responses are in the same group of each post-stratification variable, as listed below:

Tenure

- Owner
- Non-owner

Age/Sex

- Under 18
- 18 - 29 Male
- 18 - 29 Female
- 30 - 49 Male
- 30 - 49 Female
- 50 + Male
- 50 + Female

Race/Hispanic Origin Domain (see Appendix 2 for more detail on these seven domains)

•	Domain 1	American Indian or Alaska Native on reservations
•	Domain 2	American Indian or Alaska Native off reservations
•	Domain 3	Hispanic
•	Domain 4	Non-Hispanic Black
•	Domain 5	Native Hawaiian or Pacific Islander
•	Domain 6	Non-Hispanic Asian
•	Domain 7	Non-Hispanic White or "Some Other Race"

What are the overall consistency results for these variables?

Table 1 below summarizes the consistency for each of these three post-stratification variables by imputation status. Tables A-1, A-2, and A-3 in Attachment A give more detailed results. The total number of matched cases is the same for all three variables, but their distributions differ by imputation status.

The overall rates of inconsistency are about 5 percent or lower for all of the post-stratification variables, as shown in Table 1. For non-imputed people, those matched people who responded in both the P and E samples, the rates are lower, while imputed cases have much higher inconsistency rates. Because there are many more non-imputed people than imputed people, the higher rates of inconsistency for the imputed people have little effect on the overall rates of inconsistency. For example, the tenure results in Table 1 show a total of 549,645 matched people, of whom 28,930 people, or only about 5 percent, required imputation for tenure. Even though these imputed people have much higher rates of inconsistency than non-imputed people, their small contribution to the total matched people raises the overall tenure inconsistency rate by less than 1 percent.

Table 1: Consistency of Matching P-Sample and E-Sample Post-Stratification Variables
(Source: A.C.E. post-stratification output files)

Variable	Total Cases	Consistent Cases	Inconsistent	
			Cases	Percent
Tenure	549,645	523,830	25,815	4.70%
Non-Imputed	520,715	501,186	19,529	3.75%
Imputed	28,930	22,644	6,286	21.73%
Age/Sex	549,645	521,484	28,161	5.12%
Non-Imputed	511,792	497,176	14,616	2.86%
Imputed	37,853	24,308	13,545	35.78%
Race/Origin Domain	549,645	528,371	21,274	3.87%
Non-Imputed	505,389	489,299	16,090	3.18%
Imputed	44,256	39,072	5,184	11.71%

What are the patterns of inconsistency for each variable?

Tables A-1, A-2, and A-3 in Attachment A give detailed consistency results for each post-stratification variable. For example, Table A-1 shows the cross-tabulation of P-sample responses and E-sample responses for tenure for all matched people and for non-imputed people. The data in the shaded cells on the diagonal are consistent, so overall 370,258 matched people reported that they were owners both in their A.C.E. interviews, which became their P-sample data, and on their census forms, which became their E-sample data. The off-diagonal data represent inconsistent people. Inconsistency appears to be correlated with coverage. For example, non-

owners have typically been missed at higher rates than owners in the census, and their inconsistency rates are also higher than owners. Similarly, the inconsistency rates in Table A-2 generally drop as people get older, as do undercount rates. However, the 0 - 17 age/sex group is an exception.

Table A-3 shows the consistency of the race/Hispanic origin domain variable, and illustrates the potential effects of inconsistency on the A.C.E. estimates. The inconsistency rates for domain two, American Indian off reservations, are about 30 percent for both the P and E samples. Much of the switching in this domain occurs with domain seven, Non-Hispanic White or Other Race. The A.C.E. results suggest that American Indians off reservations tend to be missed in the census at higher rates than Whites (Davis, 2001). Thus the inconsistency in the American Indian off reservations domain likely reduces its coverage correction factor. However, because about 70 percent of the matched people in the domain are consistent, its coverage correction factor is still closer to the truth than a factor provided by, for example, collapsing the American Indian off reservations domain with another domain. The effects of this classification error on the White domain is negligible. The large number of consistent people in that domain makes its coverage correction factor robust to the small number of American Indians off reservations switching into White domain.

A similar situation might exist in domain five, Native Hawaiian or Pacific Islander, although the coverage properties for that domain are not significantly different from those of any other domain.

What are the consistency results for cross-classifications of the post-stratification variables?

Tables B-1, C-1, and D-1 in Attachments B, C, and D, respectively, provide consistency results for cross-classifications of the three post-stratification variables involved in this report:

- Table B-1 has tenure by age/sex
- Table C-1 has race/Hispanic origin domain by age/sex
- Table D-1 has race/Hispanic origin domain by tenure

Note that inconsistency increases for the more detailed cross-classifications in Tables B-1, C-1, and D-1, which agrees with expectations. For example, a person is consistent in Table B-1 only if she has the same value of tenure in the P and E samples and the same value of age/sex in the P and E samples, which is a stricter condition than being consistent on only one of those variables. Hence each person has a greater chance of being inconsistent. Particularly in the age/sex tables, a matched person might report P-sample and E-sample ages that differ only by one year and yet be in two different age categories.

Also note that in the tables in Attachments B, C, D, and E, a matched inconsistent person may appear in two tables: one based on P-sample data and the other based on E-sample data. For

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example, the 11,652 people who are P-sample owners and E-sample non-owners in Table A-1 are counted in both owner and non-owner tables in Attachments B, C, D, and E.

What are the consistency results for each of the 448 post-strata?

Tables E-1 through E-64 in Attachment E show consistency results for each of the 64 major post-stratum groups by the 7 age/sex groups.

These tables support the fact that inconsistency increases with more detailed cross-classifications. For example, the overall rate of inconsistency for the American Indian off reservation domain is high compared to the other domains, but those rates increase dramatically when measuring inconsistency for each individual post-stratum within this domain.

References

Davis, P., "Accuracy and Coverage Evaluation: Dual System Estimation Results," DSSD Census 2000 Procedures and Operations Memorandum Series B-9*, February 28, 2001.

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Petroni, R., "Disagreement of Characteristics Between R-Sample and Census Linked Cases for Oakland - Preliminary Findings," Internal Census Bureau Memorandum, March 11, 1996.

Petroni, R., "Disagreement of Characteristics Between R-Sample and Census Linked Cases for Oakland - More Findings," Internal Census Bureau Memorandum, May 7, 1996.

Salganik, M., "Accuracy and Coverage Evaluation Survey: Consistency of Potential Poststratification Variables," DSSD Census 2000 Procedures and Operations Memorandum Series Q-10, September 23, 1999.

Table A-1: Consistency of Post-Stratification Variables: Tenure
(Source: A.C.E. post-stratification output files)

Total Matched Cases		E Sample		Total	% Inconsistent
		Owner	Non-Owner		
P Sample	Owner	370,258	11,652	381,910	3.05%
	Non-Owner	14,163	153,572	167,735	8.44%
	Total	384,421	165,224	549,645	
	% Inconsistent	3.68%	7.05%		4.70%

Non-Imputed Cases		E Sample		Total	% Inconsistent
		Owner	Non-Owner		
P Sample	Owner	354,245	8,684	362,929	2.39%
	Non-Owner	10,845	146,941	157,786	6.87%
	Total	365,090	155,625	520,715	
	% Inconsistent	2.97%	5.58%		3.75%

Table A-2: Consistency of Post-Stratification Variables: Age/Sex
(Source: A.C.E. post-stratification output files)

Total Matched Cases

P Sample	E Sample							Total	% Inconsistent
	0 - 17	18 - 29 M	18 - 29 F	30 - 49 M	30 - 49 F	50+ M	50 + F		
0 - 17	143,943	743	579	361	329	191	246	146,392	1.67%
18 - 29 M	695	36,287	992	1,056	44	400	23	39,497	8.13%
18 - 29 F	581	1,333	38,331	43	1,069	11	461	41,829	8.36%
30 - 49 M	226	1,134	52	77,340	1,873	1,652	57	82,334	6.07%
30 - 49 F	198	57	990	2,835	83,741	75	1,903	89,799	6.75%
50 + M	78	230	15	1,448	63	63,802	1,676	67,312	5.21%
50 + F	108	14	226	64	1,497	2,533	78,040	82,482	5.39%
Total	145,829	39,798	41,185	83,147	88,616	68,664	82,406	549,645	
% Inconsistent	1.29%	8.82%	6.93%	6.98%	5.50%	7.08%	5.30%		5.12%

Non-Imputed Matched Cases

P Sample	E Sample							Total	% Inconsistent
	0 - 17	18 - 29 M	18 - 29 F	30 - 49 M	30 - 49 F	50+ M	50 + F		
0 - 17	135,650	272	205	103	126	76	105	136,537	0.65%
18 - 29 M	333	34,805	694	460	17	31	3	36,343	4.23%
18 - 29 F	281	1,014	37,002	17	451	3	23	38,791	4.61%
30 - 49 M	50	630	27	74,147	1,253	592	14	76,713	3.34%
30 - 49 F	65	21	571	2,168	80,192	20	697	83,734	4.23%
50 + M	11	36	3	584	20	61,096	1,117	62,867	2.82%
50 + F	23	4	25	14	564	1,893	74,284	76,807	3.28%
Total	136,413	36,782	38,527	77,493	82,623	63,711	76,243	511,792	
% Inconsistent	0.56%	5.37%	3.96%	4.32%	2.94%	4.10%	2.57%		2.86%

Table A-3: Consistency of Post-Stratification Variables: Race/Hispanic Origin Domains
(Source: A.C.E. post-stratification output files)

Total Matched Cases

		Domain 1	Domain 2	Domain 3	Domain 4	Domain 5	Domain 6	Domain 7	Total	% Incon.
P Sample	Domain 1	11,009	0	34	12	0	0	118	11,173	1.47%
	Domain 2	0	2,223	59	104	0	30	793	3,209	30.73%
	Domain 3	44	136	67,985	610	42	267	4,004	73,088	6.98%
	Domain 4	10	119	496	65,679	6	118	1,423	67,851	3.20%
	Domain 5	0	3	31	19	1,671	204	177	2,105	20.62%
	Domain 6	1	31	107	102	143	19,679	1,062	21,125	6.84%
	Domain 7	107	944	5,041	2,589	183	2,105	360,125	371,094	2.96%
	Total	11,171	3,456	73,753	69,115	2,045	22,403	367,702	549,645	
	% Inconsistent	1.45%	35.68%	7.82%	4.97%	18.29%	12.16%	2.06%		3.87%

Non-Imputed Matched Cases

		Domain 1	Domain 2	Domain 3	Domain 4	Domain 5	Domain 6	Domain 7	Total	% Incon.
P Sample	Domain 1	10,485	0	24	10	0	0	103	10,622	1.29%
	Domain 2	0	2,033	48	84	0	25	706	2,896	29.80%
	Domain 3	28	84	54,116	401	34	177	2,997	57,837	6.43%
	Domain 4	10	94	349	59,441	5	80	1,068	61,047	2.63%
	Domain 5	0	3	15	16	1,552	178	147	1,911	18.79%
	Domain 6	1	15	72	69	110	18,040	740	19,047	5.29%
	Domain 7	93	848	3,520	2,073	141	1,722	343,632	352,029	2.39%
	Total	10,617	3,077	58,144	62,094	1,842	20,222	349,393	505,389	
	% Inconsistent	1.24%	33.93%	6.93%	4.27%	15.74%	10.79%	1.65%		3.18%

Domain 1 American Indian or Alaska Native on reservations
Domain 2 American Indian or Alaska Native off reservations
Domain 3 Hispanic
Domain 4 Non-Hispanic Black
Domain 5 Native Hawaiian or Pacific Islander
Domain 6 Non-Hispanic Asian
Domain 7 Non-Hispanic White or Other Race

Table B-1. Consistency of P and E Samples for Tenure by Age/Sex Groups

OWNER BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	106540	23968	23726	64603	70006	61994	72400	423237
Number Consistent	88566	17496	17258	51831	56398	51356	60189	343094
Proportion Consistent	0.83	0.73	0.73	0.8	0.81	0.83	0.83	0.81
NON-IMPUTED MATCHED PEOPLE								
Total	89175	19185	19049	54567	59096	52162	59859	353093
Number Consistent	77568	15495	15375	46954	51022	46107	52991	305512
Proportion Consistent	0.87	0.81	0.81	0.86	0.86	0.88	0.89	0.87
IMPUTED MATCHED PEOPLE								
Total	17365	4783	4677	10036	10910	9832	12541	70144
Number Consistent	10998	2001	1883	4877	5376	5249	7198	37582
Proportion Consistent	0.63	0.42	0.4	0.49	0.49	0.53	0.57	0.54

NON-OWNER BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	56104	22366	24373	29300	30863	13951	19215	196172
Number Consistent	41011	15465	17657	19747	21148	8675	13084	136787
Proportion Consistent	0.73	0.69	0.72	0.67	0.69	0.62	0.68	0.7
NON-IMPUTED MATCHED PEOPLE								
Total	43981	17416	19497	22868	24169	10327	14280	152538
Number Consistent	34026	13357	15461	17180	18240	7435	10910	116609
Proportion Consistent	0.77	0.77	0.79	0.75	0.75	0.72	0.76	0.76
IMPUTED MATCHED PEOPLE								
Total	12123	4950	4876	6432	6694	3624	4935	43634
Number Consistent	6985	2108	2196	2567	2908	1240	2174	20178
Proportion Consistent	0.58	0.43	0.45	0.4	0.43	0.34	0.44	0.46

Table C-1. Consistency of P and E Samples for Domain by Age/Sex Groups

NON-HISPANIC WHITE BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	93426	27550	27892	64098	66579	58268	68543	406356
Number Consistent	78998	20795	21397	51573	54010	48338	57329	332440
Proportion Consistent	0.85	0.75	0.77	0.8	0.81	0.83	0.84	0.82
NON-IMPUTED MATCHED PEOPLE								
Total	81215	23116	23606	55454	57646	49677	57564	348278
Number Consistent	71559	19066	19717	47776	49995	43984	51183	303280
Proportion Consistent	0.88	0.82	0.84	0.86	0.87	0.89	0.89	0.87
IMPUTED MATCHED PEOPLE								
Total	12211	4434	4286	8644	8933	8591	10979	58078
Number Consistent	7439	1729	1680	3797	4015	4354	6146	29160
Proportion Consistent	0.61	0.39	0.39	0.44	0.45	0.51	0.56	0.5

NON-HISPANIC BLACK BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	24994	5581	7198	10132	13627	7467	10806	79805
Number Consistent	19062	3657	4999	6972	9550	5143	7778	57161
Proportion Consistent	0.76	0.66	0.69	0.69	0.7	0.69	0.72	0.72
NON-IMPUTED MATCHED PEOPLE								
Total	19774	4228	5606	7748	10500	5408	7727	60991
Number Consistent	15988	3169	4375	5970	8146	4195	6172	48015
Proportion Consistent	0.81	0.75	0.78	0.77	0.78	0.78	0.8	0.79
IMPUTED MATCHED PEOPLE								
Total	5220	1353	1592	2384	3127	2059	3079	18814
Number Consistent	3074	488	624	1002	1404	948	1606	9146
Proportion Consistent	0.59	0.36	0.39	0.42	0.45	0.46	0.52	0.49

HISPANIC BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	30557	9332	8822	12561	12796	5612	6726	86406
Number Consistent	22395	6193	6020	8597	8985	3687	4558	60435
Proportion Consistent	0.73	0.66	0.68	0.68	0.7	0.66	0.68	0.7
NON-IMPUTED MATCHED PEOPLE								
Total	21037	6214	6044	8529	8837	3849	4613	59123
Number Consistent	16192	4589	4516	6460	6708	2881	3479	44825
Proportion Consistent	0.77	0.74	0.75	0.76	0.76	0.75	0.75	0.76
IMPUTED MATCHED PEOPLE								
Total	9520	3118	2778	4032	3959	1763	2113	27283
Number Consistent	6203	1604	1504	2137	2277	806	1079	15610
Proportion Consistent	0.65	0.51	0.54	0.53	0.58	0.46	0.51	0.57

NATIVE HAWAIIAN OR PACIFIC ISLANDER BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	819	239	269	404	402	252	277	2662
Number Consistent	523	120	136	220	198	139	152	1488
Proportion Consistent	0.64	0.5	0.51	0.54	0.49	0.55	0.55	0.56
NON-IMPUTED MATCHED PEOPLE								
Total	660	193	208	318	318	197	220	2114
Number Consistent	448	111	123	191	180	127	133	1313
Proportion Consistent	0.68	0.58	0.59	0.6	0.57	0.64	0.6	0.62
IMPUTED MATCHED PEOPLE								
Total	159	46	61	86	84	55	57	548
Number Consistent	75	9	13	29	18	12	19	175
Proportion Consistent	0.47	0.2	0.21	0.34	0.21	0.22	0.33	0.32

NON-HISPANIC ASIAN BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	5974	2231	2374	4353	4790	2879	3506	26107
Number Consistent	4161	1383	1440	2879	3264	1906	2388	17421
Proportion Consistent	0.7	0.62	0.61	0.66	0.68	0.66	0.68	0.67
NON-IMPUTED MATCHED PEOPLE								
Total	4690	1717	1832	3471	3815	2221	2655	20401
Number Consistent	3468	1193	1268	2553	2883	1648	2022	15035
Proportion Consistent	0.74	0.69	0.69	0.74	0.76	0.74	0.76	0.74
IMPUTED MATCHED PEOPLE								
Total	1284	514	542	882	975	658	851	5706
Number Consistent	693	190	172	326	381	258	366	2386
Proportion Consistent	0.54	0.37	0.32	0.37	0.39	0.39	0.43	0.42

AMERICAN INDIAN OR ALASKA NATIVE ON RESERVATION BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	5439	1033	1142	1669	1882	987	1212	13364
Number Consistent	3814	665	747	1062	1208	644	840	8980
Proportion Consistent	0.7	0.64	0.65	0.64	0.64	0.65	0.69	0.67
NON-IMPUTED MATCHED PEOPLE								
Total	4655	821	915	1358	1514	773	965	11001
Number Consistent	3400	586	671	935	1065	559	726	7942
Proportion Consistent	0.73	0.71	0.73	0.69	0.7	0.72	0.75	0.72
IMPUTED MATCHED PEOPLE								
Total	784	212	227	311	368	214	247	2363
Number Consistent	414	79	76	127	143	85	114	1038
Proportion Consistent	0.53	0.37	0.33	0.41	0.39	0.4	0.46	0.44

AMERICAN INDIAN OR ALASKA NATIVE OFF RESERVATION BY AGE/SEX

	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1435	368	402	686	793	480	545	4709
Number Consistent	624	148	176	275	331	174	228	1956
Proportion Consistent	0.43	0.4	0.44	0.4	0.42	0.36	0.42	0.42
NON-IMPUTED MATCHED PEOPLE								
Total	1125	312	335	557	635	364	395	3723
Number Consistent	539	138	166	249	285	148	186	1711
Proportion Consistent	0.48	0.44	0.5	0.45	0.45	0.41	0.47	0.46
IMPUTED MATCHED PEOPLE								
Total	310	56	67	129	158	116	150	986
Number Consistent	85	10	10	26	46	26	42	245
Proportion Consistent	0.27	0.18	0.15	0.2	0.29	0.22	0.28	0.25

Table D-1. Consistency of P and E Samples for Domain by Tenure Groups

NON-HISPANIC WHITE BY TENURE

	Owner	Non-Owner	Total
ALL MATCHED PEOPLE			
Total	310370	95986	406356
Number Consistent	264485	67955	332440
Proportion Consistent	0.85	0.71	0.82
NON-IMPUTED MATCHED PEOPLE			
Total	268981	79297	348278
Number Consistent	241725	61555	303280
Proportion Consistent	0.9	0.78	0.87
IMPUTED MATCHED PEOPLE			
Total	41389	16689	58078
Number Consistent	22760	6400	29160
Proportion Consistent	0.55	0.38	0.5

NON-HISPANIC BLACK BY TENURE

	Owner	Non-Owner	Total
ALL MATCHED PEOPLE			
Total	41408	38397	79805
Number Consistent	29931	27230	57161
Proportion Consistent	0.72	0.71	0.72
NON-IMPUTED MATCHED PEOPLE			
Total	31766	29225	60991
Number Consistent	25164	22851	48015
Proportion Consistent	0.79	0.78	0.79
IMPUTED MATCHED PEOPLE			
Total	9642	9172	18814
Number Consistent	4767	4379	9146
Proportion Consistent	0.49	0.48	0.49

HISPANIC BY TENURE

	Owner	Non-Owner	Total
ALL MATCHED PEOPLE			
Total	42233	44173	86406
Number Consistent	29148	31287	60435
Proportion Consistent	0.69	0.71	0.7
NON-IMPUTED MATCHED PEOPLE			
Total	28959	30164	59123
Number Consistent	21604	23221	44825
Proportion Consistent	0.75	0.77	0.76
IMPUTED MATCHED PEOPLE			
Total	13274	14009	27283
Number Consistent	7544	8066	15610
Proportion Consistent	0.57	0.58	0.57

NATIVE HAWAIIAN OR PACIFIC ISLANDER BY TENURE

	Owner	Non-Owner	Total
ALL MATCHED PEOPLE			
Total	1428	1234	2662
Number Consistent	769	719	1488
Proportion Consistent	0.54	0.58	0.56
NON-IMPUTED MATCHED PEOPLE			
Total	1144	970	2114
Number Consistent	685	628	1313
Proportion Consistent	0.6	0.65	0.62
IMPUTED MATCHED PEOPLE			
Total	284	264	548
Number Consistent	84	91	175
Proportion Consistent	0.3	0.34	0.32

NON-HISPANIC ASIAN BY TENURE

	Owner	Non-Owner	Total
ALL MATCHED PEOPLE			
Total	16324	9783	26107
Number Consistent	11306	6115	17421
Proportion Consistent	0.69	0.63	0.67
NON-IMPUTED MATCHED PEOPLE			
Total	12870	7531	20401
Number Consistent	9787	5248	15035
Proportion Consistent	0.76	0.7	0.74
IMPUTED MATCHED PEOPLE			
Total	3454	2252	5706
Number Consistent	1519	867	2386
Proportion Consistent	0.44	0.38	0.42

AMERICAN INDIAN OR ALASKA NATIVE ON RESERVATION BY TENURE

	Owner	Non-Owner	Total
ALL MATCHED PEOPLE			
Total	8719	4645	13364
Number Consistent	6330	2650	8980
Proportion Consistent	0.73	0.57	0.67
NON-IMPUTED MATCHED PEOPLE			
Total	7201	3800	11001
Number Consistent	5575	2367	7942
Proportion Consistent	0.77	0.62	0.72
IMPUTED MATCHED PEOPLE			
Total	1518	845	2363
Number Consistent	755	283	1038
Proportion Consistent	0.5	0.33	0.44

AMERICAN INDIAN OR ALASKA NATIVE OFF RESERVATION BY TENURE

	Owner	Non-Owner	Total
ALL MATCHED PEOPLE			
Total	2755	1954	4709
Number Consistent	1125	831	1956
Proportion Consistent	0.41	0.43	0.42
NON-IMPUTED MATCHED PEOPLE			
Total	2172	1551	3723
Number Consistent	972	739	1711
Proportion Consistent	0.45	0.48	0.46
IMPUTED MATCHED PEOPLE			
Total	583	403	986
Number Consistent	153	92	245
Proportion Consistent	0.26	0.23	0.25

Table E-1. Consistency of P and E Samples for Major Post-Stratum Group 1

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: High
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	5199	1011	1127	3571	3806	3476	4068	22258
Number Consistent	4773	797	898	3083	3294	3048	3573	19466
Proportion Consistent	0.92	0.79	0.8	0.86	0.87	0.88	0.88	0.87
NON-IMPUTED MATCHED PEOPLE								
Total	4547	862	948	3178	3356	3031	3484	19406
Number Consistent	4296	754	828	2871	3060	2786	3218	17813
Proportion Consistent	0.94	0.87	0.87	0.9	0.91	0.92	0.92	0.92
IMPUTED MATCHED PEOPLE								
Total	652	149	179	393	450	445	584	2852
Number Consistent	477	43	70	212	234	262	355	1653
Proportion Consistent	0.73	0.29	0.39	0.54	0.52	0.59	0.61	0.58

Table E-2. Consistency of P and E Samples for Major Post-Stratum Group 2

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: High
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	4045	900	833	2567	2703	2112	2501	15661
Number Consistent	3725	753	672	2277	2385	1839	2198	13849
Proportion Consistent	0.92	0.84	0.81	0.89	0.88	0.87	0.88	0.88
NON-IMPUTED MATCHED PEOPLE								
Total	3608	775	715	2311	2420	1859	2161	13849
Number Consistent	3407	687	629	2131	2235	1696	1982	12767
Proportion Consistent	0.94	0.89	0.88	0.92	0.92	0.91	0.92	0.92
IMPUTED MATCHED PEOPLE								
Total	437	125	118	256	283	253	340	1812
Number Consistent	318	66	43	146	150	143	216	1082
Proportion Consistent	0.73	0.53	0.36	0.57	0.53	0.57	0.64	0.6

Table E-3. Consistency of P and E Samples for Major Post-Stratum Group 3

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: High
Region: South

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2510	477	430	1728	1851	1479	1695	10170
Number Consistent	2243	372	338	1451	1542	1268	1446	8660
Proportion Consistent	0.89	0.78	0.79	0.84	0.83	0.86	0.85	0.85
NON-IMPUTED MATCHED PEOPLE								
Total	2220	404	357	1522	1631	1303	1452	8889
Number Consistent	2061	347	311	1346	1440	1172	1319	7996
Proportion Consistent	0.93	0.86	0.87	0.88	0.88	0.9	0.91	0.9
IMPUTED MATCHED PEOPLE								
Total	290	73	73	206	220	176	243	1281
Number Consistent	182	25	27	105	102	96	127	664
Proportion Consistent	0.63	0.34	0.37	0.51	0.46	0.55	0.52	0.52

Table E-4. Consistency of P and E Samples for Major Post-Stratum Group 4

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: High
Region: West

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2846	552	531	2003	2120	2260	2540	12852
Number Consistent	2204	370	350	1557	1623	1846	2065	10015
Proportion Consistent	0.77	0.67	0.66	0.78	0.77	0.82	0.81	0.78
NON-IMPUTED MATCHED PEOPLE								
Total	2425	436	430	1712	1806	1962	2173	10944
Number Consistent	1992	342	328	1444	1503	1700	1896	9205
Proportion Consistent	0.82	0.78	0.76	0.84	0.83	0.87	0.87	0.84
IMPUTED MATCHED PEOPLE								
Total	421	116	101	291	314	298	367	1908
Number Consistent	212	28	22	113	120	146	169	810
Proportion Consistent	0.5	0.24	0.22	0.39	0.38	0.49	0.46	0.42

Table E-5. Consistency of P and E Samples for Major Post-Stratum Group 5

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: Low
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1250	323	331	943	998	1100	1348	6293
Number Consistent	905	225	215	688	734	850	1061	4678
Proportion Consistent	0.72	0.7	0.65	0.73	0.74	0.77	0.79	0.74
NON-IMPUTED MATCHED PEOPLE								
Total	1018	254	274	799	836	902	1109	5192
Number Consistent	795	203	196	641	670	757	944	4206
Proportion Consistent	0.78	0.8	0.72	0.8	0.8	0.84	0.85	0.81
IMPUTED MATCHED PEOPLE								
Total	232	69	57	144	162	198	239	1101
Number Consistent	110	22	19	47	64	93	117	472
Proportion Consistent	0.47	0.32	0.33	0.33	0.4	0.47	0.49	0.43

Table E-6. Consistency of P and E Samples for Major Post-Stratum Group 6

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: Low
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	248	98	96	248	237	284	355	1566
Number Consistent	178	62	57	179	171	236	287	1170
Proportion Consistent	0.72	0.63	0.59	0.72	0.72	0.83	0.81	0.75
NON-IMPUTED MATCHED PEOPLE								
Total	197	74	65	209	195	237	286	1263
Number Consistent	159	53	50	166	156	213	254	1051
Proportion Consistent	0.81	0.72	0.77	0.79	0.8	0.9	0.89	0.83
IMPUTED MATCHED PEOPLE								
Total	51	24	31	39	42	47	69	303
Number Consistent	19	9	7	13	15	23	33	119
Proportion Consistent	0.37	0.38	0.23	0.33	0.36	0.49	0.48	0.39

Table E-7. Consistency of P and E Samples for Major Post-Stratum Group 7

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: Low
Region: South

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	526	154	179	483	481	462	533	2818
Number Consistent	406	101	128	357	373	369	432	2166
Proportion Consistent	0.77	0.66	0.72	0.74	0.78	0.8	0.81	0.77
NON-IMPUTED MATCHED PEOPLE								
Total	447	121	147	410	411	386	447	2369
Number Consistent	371	91	120	330	350	332	388	1982
Proportion Consistent	0.83	0.75	0.82	0.8	0.85	0.86	0.87	0.84
IMPUTED MATCHED PEOPLE								
Total	79	33	32	73	70	76	86	449
Number Consistent	35	10	8	27	23	37	44	184
Proportion Consistent	0.44	0.3	0.25	0.37	0.33	0.49	0.51	0.41

Table E-8. Consistency of P and E Samples for Major Post-Stratum Group 8

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Large/MOMB
Return Rate: Low
Region: West

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	438	116	98	329	357	319	370	2027
Number Consistent	295	68	52	230	246	243	272	1406
Proportion Consistent	0.67	0.59	0.53	0.7	0.69	0.76	0.74	0.69
NON-IMPUTED MATCHED PEOPLE								
Total	363	99	78	272	298	257	301	1668
Number Consistent	266	62	47	210	232	217	242	1276
Proportion Consistent	0.73	0.63	0.6	0.77	0.78	0.84	0.8	0.76
IMPUTED MATCHED PEOPLE								
Total	75	17	20	57	59	62	69	359
Number Consistent	29	6	5	20	14	26	30	130
Proportion Consistent	0.39	0.35	0.25	0.35	0.24	0.42	0.43	0.36

Table E-9. Consistency of P and E Samples for Major Post-Stratum Group 9

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Medium/MOMB
Return Rate: High
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2554	504	467	1762	1877	1755	2083	11002
Number Consistent	2386	422	375	1555	1656	1552	1881	9827
Proportion Consistent	0.93	0.84	0.8	0.88	0.88	0.88	0.9	0.89
NON-IMPUTED MATCHED PEOPLE								
Total	2287	449	404	1598	1679	1563	1847	9827
Number Consistent	2183	399	348	1466	1547	1433	1723	9099
Proportion Consistent	0.95	0.89	0.86	0.92	0.92	0.92	0.93	0.93
IMPUTED MATCHED PEOPLE								
Total	267	55	63	164	198	192	236	1175
Number Consistent	203	23	27	89	109	119	158	728
Proportion Consistent	0.76	0.42	0.43	0.54	0.55	0.62	0.67	0.62

Table E-10. Consistency of P and E Samples for Major Post-Stratum Group 10

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Medium/MOMB
Return Rate: High
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	6614	1370	1318	4246	4504	3714	4168	25934
Number Consistent	6218	1129	1092	3768	4037	3311	3717	23272
Proportion Consistent	0.94	0.82	0.83	0.89	0.9	0.89	0.89	0.9
NON-IMPUTED MATCHED PEOPLE								
Total	5990	1180	1137	3827	4047	3270	3614	23065
Number Consistent	5726	1055	1016	3550	3780	3064	3380	21571
Proportion Consistent	0.96	0.89	0.89	0.93	0.93	0.94	0.94	0.94
IMPUTED MATCHED PEOPLE								
Total	624	190	181	419	457	444	554	2869
Number Consistent	492	74	76	218	257	247	337	1701
Proportion Consistent	0.79	0.39	0.42	0.52	0.56	0.56	0.61	0.59

Table E-11. Consistency of P and E Samples for Major Post-Stratum Group 11

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Medium/MOMB
Return Rate: High
Region: South

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	4986	1015	1030	3461	3774	3562	4206	22034
Number Consistent	4367	773	778	2849	3113	3039	3605	18524
Proportion Consistent	0.88	0.76	0.76	0.82	0.82	0.85	0.86	0.84
NON-IMPUTED MATCHED PEOPLE								
Total	4309	842	871	2995	3282	3066	3536	18901
Number Consistent	3897	707	732	2644	2883	2791	3223	16877
Proportion Consistent	0.9	0.84	0.84	0.88	0.88	0.91	0.91	0.89
IMPUTED MATCHED PEOPLE								
Total	677	173	159	466	492	496	670	3133
Number Consistent	470	66	46	205	230	248	382	1647
Proportion Consistent	0.69	0.38	0.29	0.44	0.47	0.5	0.57	0.53

Table E-12. Consistency of P and E Samples for Major Post-Stratum Group 12

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Medium/MOMB
Return Rate: High
Region: West

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	4522	905	935	2885	2978	2761	3149	18135
Number Consistent	3985	688	732	2461	2520	2397	2733	15516
Proportion Consistent	0.88	0.76	0.78	0.85	0.85	0.87	0.87	0.86
NON-IMPUTED MATCHED PEOPLE								
Total	3981	763	791	2538	2637	2422	2705	15837
Number Consistent	3639	632	675	2292	2366	2207	2463	14274
Proportion Consistent	0.91	0.83	0.85	0.9	0.9	0.91	0.91	0.9
IMPUTED MATCHED PEOPLE								
Total	541	142	144	347	341	339	444	2298
Number Consistent	346	56	57	169	154	190	270	1242
Proportion Consistent	0.64	0.39	0.4	0.49	0.45	0.56	0.61	0.54

Table E-13. Consistency of P and E Samples for Major Post-Stratum Group 13

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Medium/MOMB
Return Rate: Low
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	250	51	71	187	186	213	276	1234
Number Consistent	224	33	52	153	149	187	245	1043
Proportion Consistent	0.9	0.65	0.73	0.82	0.8	0.88	0.89	0.85
NON-IMPUTED MATCHED PEOPLE								
Total	215	43	57	163	158	187	228	1051
Number Consistent	196	30	48	136	135	172	211	928
Proportion Consistent	0.91	0.7	0.84	0.83	0.85	0.92	0.93	0.88
IMPUTED MATCHED PEOPLE								
Total	35	8	14	24	28	26	48	183
Number Consistent	28	3	4	17	14	15	34	115
Proportion Consistent	0.8	0.38	0.29	0.71	0.5	0.58	0.71	0.63

Table E-14. Consistency of P and E Samples for Major Post-Stratum Group 14

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Medium/MOMB
Return Rate: Low
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	558	161	163	415	385	350	448	2480
Number Consistent	439	113	112	332	302	292	383	1973
Proportion Consistent	0.79	0.7	0.69	0.8	0.78	0.83	0.85	0.8
NON-IMPUTED MATCHED PEOPLE								
Total	472	131	138	348	334	301	370	2094
Number Consistent	406	103	106	303	285	263	337	1803
Proportion Consistent	0.86	0.79	0.77	0.87	0.85	0.87	0.91	0.86
IMPUTED MATCHED PEOPLE								
Total	86	30	25	67	51	49	78	386
Number Consistent	33	10	6	29	17	29	46	170
Proportion Consistent	0.38	0.33	0.24	0.43	0.33	0.59	0.59	0.44

Table E-15. Consistency of P and E Samples for Major Post-Stratum Group 15

Domain:	Non-Hispanic White
Tenure:	Owner
MSA/TEA:	Medium/MOMB
Return Rate:	Low
Region:	South

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1256	401	394	1041	1024	1006	1303	6425
Number Consistent	1003	272	275	830	800	815	1064	5059
Proportion Consistent	0.8	0.68	0.7	0.8	0.78	0.81	0.82	0.79
NON-IMPUTED MATCHED PEOPLE								
Total	1092	333	322	899	886	873	1101	5506
Number Consistent	910	245	250	762	740	743	961	4611
Proportion Consistent	0.83	0.74	0.78	0.85	0.84	0.85	0.87	0.84
IMPUTED MATCHED PEOPLE								
Total	164	68	72	142	138	133	202	919
Number Consistent	93	27	25	68	60	72	103	448
Proportion Consistent	0.57	0.4	0.35	0.48	0.43	0.54	0.51	0.49

Table E-16. Consistency of P and E Samples for Major Post-Stratum Group 16

Domain:	Non-Hispanic White
Tenure:	Owner
MSA/TEA:	Medium/MOMB
Return Rate:	Low
Region:	West

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1025	293	288	752	811	681	790	4640
Number Consistent	801	192	199	586	630	541	631	3580
Proportion Consistent	0.78	0.66	0.69	0.78	0.78	0.79	0.8	0.77
NON-IMPUTED MATCHED PEOPLE								
Total	865	234	231	649	696	580	661	3916
Number Consistent	711	173	183	545	585	496	570	3263
Proportion Consistent	0.82	0.74	0.79	0.84	0.84	0.86	0.86	0.83
IMPUTED MATCHED PEOPLE								
Total	160	59	57	103	115	101	129	724
Number Consistent	90	19	16	41	45	45	61	317
Proportion Consistent	0.56	0.32	0.28	0.4	0.39	0.45	0.47	0.44

Table E-17. Consistency of P and E Samples for Major Post-Stratum Group 17

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: High
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1380	253	268	901	1002	995	1120	5919
Number Consistent	1265	219	215	784	891	900	1014	5288
Proportion Consistent	0.92	0.87	0.8	0.87	0.89	0.9	0.91	0.89
NON-IMPUTED MATCHED PEOPLE								
Total	1254	232	226	825	922	897	989	5345
Number Consistent	1192	209	195	747	851	843	927	4964
Proportion Consistent	0.95	0.9	0.86	0.91	0.92	0.94	0.94	0.93
IMPUTED MATCHED PEOPLE								
Total	126	21	42	76	80	98	131	574
Number Consistent	73	10	20	37	40	57	87	324
Proportion Consistent	0.58	0.48	0.48	0.49	0.5	0.58	0.66	0.56

Table E-18. Consistency of P and E Samples for Major Post-Stratum Group 18

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: High
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	6165	1396	1351	3906	4211	3933	4492	25454
Number Consistent	5749	1158	1132	3470	3752	3524	4016	22801
Proportion Consistent	0.93	0.83	0.84	0.89	0.89	0.9	0.89	0.9
NON-IMPUTED MATCHED PEOPLE								
Total	5543	1206	1189	3502	3776	3458	3895	22569
Number Consistent	5276	1074	1063	3236	3506	3243	3614	21012
Proportion Consistent	0.95	0.89	0.89	0.92	0.93	0.94	0.93	0.93
IMPUTED MATCHED PEOPLE								
Total	622	190	162	404	435	475	597	2885
Number Consistent	473	84	69	234	246	281	402	1789
Proportion Consistent	0.76	0.44	0.43	0.58	0.57	0.59	0.67	0.62

Table E-19. Consistency of P and E Samples for Major Post-Stratum Group 19

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Domain:        Non-Hispanic White
Tenure:        Owner
MSA/TEA:       Small or Non-MSA/MOMB
Return Rate:   High
Region:        South
```

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3304	729	741	2191	2379	2835	3481	15660
Number Consistent	2930	548	555	1812	1977	2433	3010	13265
Proportion Consistent	0.89	0.75	0.75	0.83	0.83	0.86	0.86	0.85
NON-IMPUTED MATCHED PEOPLE								
Total	2916	624	641	1915	2066	2435	2952	13549
Number Consistent	2655	511	527	1685	1820	2207	2672	12077
Proportion Consistent	0.91	0.82	0.82	0.88	0.88	0.91	0.91	0.89
IMPUTED MATCHED PEOPLE								
Total	388	105	100	276	313	400	529	2111
Number Consistent	275	37	28	127	157	226	338	1188
Proportion Consistent	0.71	0.35	0.28	0.46	0.5	0.57	0.64	0.56

Table E-20. Consistency of P and E Samples for Major Post-Stratum Group 20

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Domain:        Non-Hispanic White
Tenure:        Owner
MSA/TEA:       Small or Non-MSA/MOMB
Return Rate:   High
Region:        West
```

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2081	436	432	1201	1347	1327	1469	8293
Number Consistent	1843	331	315	987	1141	1149	1273	7039
Proportion Consistent	0.89	0.76	0.73	0.82	0.85	0.87	0.87	0.85
NON-IMPUTED MATCHED PEOPLE								
Total	1836	366	353	1048	1175	1166	1250	7194
Number Consistent	1688	309	291	930	1058	1059	1143	6478
Proportion Consistent	0.92	0.84	0.82	0.89	0.9	0.91	0.91	0.9
IMPUTED MATCHED PEOPLE								
Total	245	70	79	153	172	161	219	1099
Number Consistent	155	22	24	57	83	90	130	561
Proportion Consistent	0.63	0.31	0.3	0.37	0.48	0.56	0.59	0.51

Table E-21. Consistency of P and E Samples for Major Post-Stratum Group 21

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: Low
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	343	83	74	268	279	230	285	1562
Number Consistent	292	59	53	222	237	203	250	1316
Proportion Consistent	0.85	0.71	0.72	0.83	0.85	0.88	0.88	0.84
NON-IMPUTED MATCHED PEOPLE								
Total	291	69	61	236	247	209	245	1358
Number Consistent	257	55	48	206	218	193	227	1204
Proportion Consistent	0.88	0.8	0.79	0.87	0.88	0.92	0.93	0.89
IMPUTED MATCHED PEOPLE								
Total	52	14	13	32	32	21	40	204
Number Consistent	35	4	5	16	19	10	23	112
Proportion Consistent	0.67	0.29	0.38	0.5	0.59	0.48	0.58	0.55

Table E-22. Consistency of P and E Samples for Major Post-Stratum Group 22

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: Low
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	594	154	146	351	397	400	437	2479
Number Consistent	511	120	109	290	327	347	379	2083
Proportion Consistent	0.86	0.78	0.75	0.83	0.82	0.87	0.87	0.84
NON-IMPUTED MATCHED PEOPLE								
Total	508	130	115	302	344	339	376	2114
Number Consistent	460	108	98	266	304	313	345	1894
Proportion Consistent	0.91	0.83	0.85	0.88	0.88	0.92	0.92	0.9
IMPUTED MATCHED PEOPLE								
Total	86	24	31	49	53	61	61	365
Number Consistent	51	12	11	24	23	34	34	189
Proportion Consistent	0.59	0.5	0.35	0.49	0.43	0.56	0.56	0.52

Table E-23. Consistency of P and E Samples for Major Post-Stratum Group 23

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: Low
Region: South

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1354	415	403	986	1051	1275	1566	7050
Number Consistent	1138	309	291	793	843	1062	1307	5743
Proportion Consistent	0.84	0.74	0.72	0.8	0.8	0.83	0.83	0.81
NON-IMPUTED MATCHED PEOPLE								
Total	1179	348	339	850	905	1092	1333	6046
Number Consistent	1029	276	270	726	778	964	1173	5216
Proportion Consistent	0.87	0.79	0.8	0.85	0.86	0.88	0.88	0.86
IMPUTED MATCHED PEOPLE								
Total	175	67	64	136	146	183	233	1004
Number Consistent	109	33	21	67	65	98	134	527
Proportion Consistent	0.62	0.49	0.33	0.49	0.45	0.54	0.58	0.52

Table E-24. Consistency of P and E Samples for Major Post-Stratum Group 24

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: Low
Region: West

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1041	226	221	646	661	799	873	4467
Number Consistent	871	168	167	506	536	656	722	3626
Proportion Consistent	0.84	0.74	0.76	0.78	0.81	0.82	0.83	0.81
NON-IMPUTED MATCHED PEOPLE								
Total	904	190	178	553	575	665	728	3793
Number Consistent	802	159	148	471	502	588	644	3314
Proportion Consistent	0.89	0.84	0.83	0.85	0.87	0.88	0.88	0.87
IMPUTED MATCHED PEOPLE								
Total	137	36	43	93	86	134	145	674
Number Consistent	69	9	19	35	34	68	78	312
Proportion Consistent	0.5	0.25	0.44	0.38	0.4	0.51	0.54	0.46

Table E-25. Consistency of P and E Samples for Major Post-Stratum Group 25

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: High
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1912	438	398	1369	1422	1500	1606	8645
Number Consistent	1780	357	320	1202	1243	1340	1411	7653
Proportion Consistent	0.93	0.82	0.8	0.88	0.87	0.89	0.88	0.89
NON-IMPUTED MATCHED PEOPLE								
Total	1661	364	336	1198	1234	1288	1349	7430
Number Consistent	1579	323	294	1100	1146	1197	1239	6878
Proportion Consistent	0.95	0.89	0.88	0.92	0.93	0.93	0.92	0.93
IMPUTED MATCHED PEOPLE								
Total	251	74	62	171	188	212	257	1215
Number Consistent	201	34	26	102	97	143	172	775
Proportion Consistent	0.8	0.46	0.42	0.6	0.52	0.67	0.67	0.64

Table E-26. Consistency of P and E Samples for Major Post-Stratum Group 26

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: High
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3720	802	714	2289	2327	2508	2595	14955
Number Consistent	3440	682	602	2011	2061	2242	2292	13330
Proportion Consistent	0.92	0.85	0.84	0.88	0.89	0.89	0.88	0.89
NON-IMPUTED MATCHED PEOPLE								
Total	3287	697	619	2041	2069	2166	2235	13114
Number Consistent	3112	623	556	1874	1914	2027	2063	12169
Proportion Consistent	0.95	0.89	0.9	0.92	0.93	0.94	0.92	0.93
IMPUTED MATCHED PEOPLE								
Total	433	105	95	248	258	342	360	1841
Number Consistent	328	59	46	137	147	215	229	1161
Proportion Consistent	0.76	0.56	0.48	0.55	0.57	0.63	0.64	0.63

Table E-27. Consistency of P and E Samples for Major Post-Stratum Group 27

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: High
Region: South

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2037	455	430	1356	1451	1619	1741	9089
Number Consistent	1814	369	352	1092	1204	1395	1503	7729
Proportion Consistent	0.89	0.81	0.82	0.81	0.83	0.86	0.86	0.85
NON-IMPUTED MATCHED PEOPLE								
Total	1764	396	366	1135	1228	1368	1457	7714
Number Consistent	1610	342	323	981	1081	1252	1332	6921
Proportion Consistent	0.91	0.86	0.88	0.86	0.88	0.92	0.91	0.9
IMPUTED MATCHED PEOPLE								
Total	273	59	64	221	223	251	284	1375
Number Consistent	204	27	29	111	123	143	171	808
Proportion Consistent	0.75	0.46	0.45	0.5	0.55	0.57	0.6	0.59

Table E-28. Consistency of P and E Samples for Major Post-Stratum Group 28

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: High
Region: West

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1681	285	281	1116	1249	1264	1301	7177
Number Consistent	1495	215	223	931	1051	1094	1116	6125
Proportion Consistent	0.89	0.75	0.79	0.83	0.84	0.87	0.86	0.85
NON-IMPUTED MATCHED PEOPLE								
Total	1461	229	237	969	1079	1090	1105	6170
Number Consistent	1325	192	196	861	972	996	999	5541
Proportion Consistent	0.91	0.84	0.83	0.89	0.9	0.91	0.9	0.9
IMPUTED MATCHED PEOPLE								
Total	220	56	44	147	170	174	196	1007
Number Consistent	170	23	27	70	79	98	117	584
Proportion Consistent	0.77	0.41	0.61	0.48	0.46	0.56	0.6	0.58

Table E-29. Consistency of P and E Samples for Major Post-Stratum Group 29

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: Low
Region: North

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1019	171	156	636	692	585	632	3891
Number Consistent	899	143	134	536	603	478	544	3337
Proportion Consistent	0.88	0.84	0.86	0.84	0.87	0.82	0.86	0.86
NON-IMPUTED MATCHED PEOPLE								
Total	871	145	134	553	613	490	532	3338
Number Consistent	794	132	121	493	558	425	475	2998
Proportion Consistent	0.91	0.91	0.9	0.89	0.91	0.87	0.89	0.9
IMPUTED MATCHED PEOPLE								
Total	148	26	22	83	79	95	100	553
Number Consistent	105	11	13	43	45	53	69	339
Proportion Consistent	0.71	0.42	0.59	0.52	0.57	0.56	0.69	0.61

Table E-30. Consistency of P and E Samples for Major Post-Stratum Group 30

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: Low
Region: Midwest

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	504	116	129	305	343	334	361	2092
Number Consistent	462	95	113	257	303	291	321	1842
Proportion Consistent	0.92	0.82	0.88	0.84	0.88	0.87	0.89	0.88
NON-IMPUTED MATCHED PEOPLE								
Total	441	101	107	258	299	277	306	1789
Number Consistent	415	86	99	235	275	253	282	1645
Proportion Consistent	0.94	0.85	0.93	0.91	0.92	0.91	0.92	0.92
IMPUTED MATCHED PEOPLE								
Total	63	15	22	47	44	57	55	303
Number Consistent	47	9	14	22	28	38	39	197
Proportion Consistent	0.75	0.6	0.64	0.47	0.64	0.67	0.71	0.65

Table E-31. Consistency of P and E Samples for Major Post-Stratum Group 31

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: Low
Region: South

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	5029	1233	1227	3379	3578	3678	4086	22210
Number Consistent	4299	912	943	2723	2904	3071	3443	18295
Proportion Consistent	0.85	0.74	0.77	0.81	0.81	0.83	0.84	0.82
NON-IMPUTED MATCHED PEOPLE								
Total	4334	1043	1037	2876	3029	3074	3391	18784
Number Consistent	3830	845	870	2485	2638	2724	3017	16409
Proportion Consistent	0.88	0.81	0.84	0.86	0.87	0.89	0.89	0.87
IMPUTED MATCHED PEOPLE								
Total	695	190	190	503	549	604	695	3426
Number Consistent	469	67	73	238	266	347	426	1886
Proportion Consistent	0.67	0.35	0.38	0.47	0.48	0.57	0.61	0.55

Table E-32. Consistency of P and E Samples for Major Post-Stratum Group 32

Domain: Non-Hispanic White
Tenure: Owner
MSA/TEA: Other TEAs
Return Rate: Low
Region: West

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1331	253	229	891	975	1130	1089	5898
Number Consistent	1095	176	163	696	794	962	923	4809
Proportion Consistent	0.82	0.7	0.71	0.78	0.81	0.85	0.85	0.82
NON-IMPUTED MATCHED PEOPLE								
Total	1118	199	194	739	826	934	887	4897
Number Consistent	977	156	152	628	722	848	800	4283
Proportion Consistent	0.87	0.78	0.78	0.85	0.87	0.91	0.9	0.87
IMPUTED MATCHED PEOPLE								
Total	213	54	35	152	149	196	202	1001
Number Consistent	118	20	11	68	72	114	123	526
Proportion Consistent	0.55	0.37	0.31	0.45	0.48	0.58	0.61	0.53

Table E-33. Consistency of P and E Samples for Major Post-Stratum Group 33

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Large/MOMB
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3399	1994	2060	3250	3075	1713	2298	17789
Number Consistent	2308	1417	1514	2267	2154	1148	1640	12448
Proportion Consistent	0.68	0.71	0.73	0.7	0.7	0.67	0.71	0.7
NON-IMPUTED MATCHED PEOPLE								
Total	2864	1655	1734	2712	2561	1373	1791	14690
Number Consistent	2094	1297	1394	2088	1967	1036	1415	11291
Proportion Consistent	0.73	0.78	0.8	0.77	0.77	0.75	0.79	0.77
IMPUTED MATCHED PEOPLE								
Total	535	339	326	538	514	340	507	3099
Number Consistent	214	120	120	179	187	112	225	1157
Proportion Consistent	0.4	0.35	0.37	0.33	0.36	0.33	0.44	0.37

Table E-34. Consistency of P and E Samples for Major Post-Stratum Group 34

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Large/MOMB
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1506	1020	1019	1488	1332	761	965	8091
Number Consistent	781	658	706	964	820	480	629	5038
Proportion Consistent	0.52	0.65	0.69	0.65	0.62	0.63	0.65	0.62
NON-IMPUTED MATCHED PEOPLE								
Total	1175	800	832	1222	1072	590	726	6417
Number Consistent	696	585	634	878	725	420	539	4477
Proportion Consistent	0.59	0.73	0.76	0.72	0.68	0.71	0.74	0.7
IMPUTED MATCHED PEOPLE								
Total	331	220	187	266	260	171	239	1674
Number Consistent	85	73	72	86	95	60	90	561
Proportion Consistent	0.26	0.33	0.39	0.32	0.37	0.35	0.38	0.34

Table E-35. Consistency of P and E Samples for Major Post-Stratum Group 35

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Medium/MOMB
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	4561	2640	2788	3638	3475	1801	2616	21519
Number Consistent	3423	1959	2178	2634	2514	1206	1946	15860
Proportion Consistent	0.75	0.74	0.78	0.72	0.72	0.67	0.74	0.74
NON-IMPUTED MATCHED PEOPLE								
Total	3876	2240	2417	3059	2925	1451	2103	18071
Number Consistent	3075	1803	2015	2425	2319	1085	1721	14443
Proportion Consistent	0.79	0.8	0.83	0.79	0.79	0.75	0.82	0.8
IMPUTED MATCHED PEOPLE								
Total	685	400	371	579	550	350	513	3448
Number Consistent	348	156	163	209	195	121	225	1417
Proportion Consistent	0.51	0.39	0.44	0.36	0.35	0.35	0.44	0.41

Table E-36. Consistency of P and E Samples for Major Post-Stratum Group 36

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Medium/MOMB
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1337	1073	1112	1062	995	520	593	6692
Number Consistent	771	768	800	694	632	317	398	4380
Proportion Consistent	0.58	0.72	0.72	0.65	0.64	0.61	0.67	0.65
NON-IMPUTED MATCHED PEOPLE								
Total	1082	850	893	833	790	394	443	5285
Number Consistent	699	676	711	609	570	284	339	3888
Proportion Consistent	0.65	0.8	0.8	0.73	0.72	0.72	0.77	0.74
IMPUTED MATCHED PEOPLE								
Total	255	223	219	229	205	126	150	1407
Number Consistent	72	92	89	85	62	33	59	492
Proportion Consistent	0.28	0.41	0.41	0.37	0.3	0.26	0.39	0.35

Table E-37. Consistency of P and E Samples for Major Post-Stratum Group 37

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	4405	2609	2868	2747	2771	1517	2494	19411
Number Consistent	3417	2013	2297	1996	2071	1014	1865	14673
Proportion Consistent	0.78	0.77	0.8	0.73	0.75	0.67	0.75	0.76
NON-IMPUTED MATCHED PEOPLE								
Total	3821	2202	2467	2313	2372	1201	1998	16374
Number Consistent	3112	1817	2097	1851	1923	927	1615	13342
Proportion Consistent	0.81	0.83	0.85	0.8	0.81	0.77	0.81	0.81
IMPUTED MATCHED PEOPLE								
Total	584	407	401	434	399	316	496	3037
Number Consistent	305	196	200	145	148	87	250	1331
Proportion Consistent	0.52	0.48	0.5	0.33	0.37	0.28	0.5	0.44

Table E-38. Consistency of P and E Samples for Major Post-Stratum Group 38

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Small or Non-MSA/MOMB
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1222	799	826	820	814	437	555	5473
Number Consistent	949	625	667	580	578	281	396	4076
Proportion Consistent	0.78	0.78	0.81	0.71	0.71	0.64	0.71	0.74
NON-IMPUTED MATCHED PEOPLE								
Total	1057	646	705	673	680	345	421	4527
Number Consistent	859	552	612	526	532	256	338	3675
Proportion Consistent	0.81	0.85	0.87	0.78	0.78	0.74	0.8	0.81
IMPUTED MATCHED PEOPLE								
Total	165	153	121	147	134	92	134	946
Number Consistent	90	73	55	54	46	25	58	401
Proportion Consistent	0.55	0.48	0.45	0.37	0.34	0.27	0.43	0.42

Table E-39. Consistency of P and E Samples for Major Post-Stratum Group 39

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Other TEAs
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3109	1080	1123	1816	1773	1062	1447	11410
Number Consistent	2302	767	821	1215	1241	651	977	7974
Proportion Consistent	0.74	0.71	0.73	0.67	0.7	0.61	0.68	0.7
NON-IMPUTED MATCHED PEOPLE								
Total	2664	921	962	1513	1483	817	1129	9489
Number Consistent	2106	720	759	1132	1143	580	841	7281
Proportion Consistent	0.79	0.78	0.79	0.75	0.77	0.71	0.74	0.77
IMPUTED MATCHED PEOPLE								
Total	445	159	161	303	290	245	318	1921
Number Consistent	196	47	62	83	98	71	136	693
Proportion Consistent	0.44	0.3	0.39	0.27	0.34	0.29	0.43	0.36

Table E-40. Consistency of P and E Samples for Major Post-Stratum Group 40

Domain: Non-Hispanic White
Tenure: Non-Owner
MSA/TEA: Other TEAs
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1565	559	605	865	888	511	608	5601
Number Consistent	1012	357	402	555	558	261	361	3506
Proportion Consistent	0.65	0.64	0.66	0.64	0.63	0.51	0.59	0.63
NON-IMPUTED MATCHED PEOPLE								
Total	1272	463	499	699	704	359	448	4444
Number Consistent	902	333	377	506	506	222	312	3158
Proportion Consistent	0.71	0.72	0.76	0.72	0.72	0.62	0.7	0.71
IMPUTED MATCHED PEOPLE								
Total	293	96	106	166	184	152	160	1157
Number Consistent	110	24	25	49	52	39	49	348
Proportion Consistent	0.38	0.25	0.24	0.3	0.28	0.26	0.31	0.3

Table E-41. Consistency of P and E Samples for Major Post-Stratum Group 41

Domain: Non-Hispanic Black
Tenure: Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	5777	1312	1298	2931	3642	2513	3374	20847
Number Consistent	4351	910	860	2139	2647	1892	2570	15369
Proportion Consistent	0.75	0.69	0.66	0.73	0.73	0.75	0.76	0.74
NON-IMPUTED MATCHED PEOPLE								
Total	4590	999	984	2314	2900	1911	2479	16177
Number Consistent	3704	775	758	1871	2327	1578	2076	13089
Proportion Consistent	0.81	0.78	0.77	0.81	0.8	0.83	0.84	0.81
IMPUTED MATCHED PEOPLE								
Total	1187	313	314	617	742	602	895	4670
Number Consistent	647	135	102	268	320	314	494	2280
Proportion Consistent	0.55	0.43	0.32	0.43	0.43	0.52	0.55	0.49

Table E-42. Consistency of P and E Samples for Major Post-Stratum Group 42

Domain: Non-Hispanic Black
Tenure: Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1922	485	533	948	1196	1025	1570	7679
Number Consistent	1307	280	298	602	747	699	1135	5068
Proportion Consistent	0.68	0.58	0.56	0.64	0.62	0.68	0.72	0.66
NON-IMPUTED MATCHED PEOPLE								
Total	1470	341	385	694	907	739	1134	5670
Number Consistent	1094	237	255	497	642	565	909	4199
Proportion Consistent	0.74	0.7	0.66	0.72	0.71	0.76	0.8	0.74
IMPUTED MATCHED PEOPLE								
Total	452	144	148	254	289	286	436	2009
Number Consistent	213	43	43	105	105	134	226	869
Proportion Consistent	0.47	0.3	0.29	0.41	0.36	0.47	0.52	0.43

Table E-43. Consistency of P and E Samples for Major Post-Stratum Group 43

Domain: Non-Hispanic Black
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB or Other TEAs
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2546	544	591	1244	1525	1128	1561	9139
Number Consistent	1935	378	396	908	1104	835	1186	6742
Proportion Consistent	0.76	0.69	0.67	0.73	0.72	0.74	0.76	0.74
NON-IMPUTED MATCHED PEOPLE								
Total	2044	414	463	978	1189	849	1164	7101
Number Consistent	1645	316	342	776	939	683	948	5649
Proportion Consistent	0.8	0.76	0.74	0.79	0.79	0.8	0.81	0.8
IMPUTED MATCHED PEOPLE								
Total	502	130	128	266	336	279	397	2038
Number Consistent	290	62	54	132	165	152	238	1093
Proportion Consistent	0.58	0.48	0.42	0.5	0.49	0.54	0.6	0.54

Table E-44. Consistency of P and E Samples for Major Post-Stratum Group 44

Domain: Non-Hispanic Black
Tenure: Owner
MSA/TEA: Small or Non-MSA/MOMB or Other TEAs
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1103	241	220	478	608	460	633	3743
Number Consistent	861	167	150	339	452	315	468	2752
Proportion Consistent	0.78	0.69	0.68	0.71	0.74	0.68	0.74	0.74
NON-IMPUTED MATCHED PEOPLE								
Total	859	188	165	356	461	335	454	2818
Number Consistent	693	141	122	279	369	255	368	2227
Proportion Consistent	0.81	0.75	0.74	0.78	0.8	0.76	0.81	0.79
IMPUTED MATCHED PEOPLE								
Total	244	53	55	122	147	125	179	925
Number Consistent	168	26	28	60	83	60	100	525
Proportion Consistent	0.69	0.49	0.51	0.49	0.56	0.48	0.56	0.57

Table E-45. Consistency of P and E Samples for Major Post-Stratum Group 45

Domain: Non-Hispanic Black
Tenure: Non-Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	6646	1519	2211	2333	3438	1208	1943	19298
Number Consistent	5145	992	1560	1547	2406	751	1314	13715
Proportion Consistent	0.77	0.65	0.71	0.66	0.7	0.62	0.68	0.71
NON-IMPUTED MATCHED PEOPLE								
Total	5243	1171	1748	1789	2621	826	1320	14718
Number Consistent	4293	888	1376	1340	2052	600	1016	11565
Proportion Consistent	0.82	0.76	0.79	0.75	0.78	0.73	0.77	0.79
IMPUTED MATCHED PEOPLE								
Total	1403	348	463	544	817	382	623	4580
Number Consistent	852	104	184	207	354	151	298	2150
Proportion Consistent	0.61	0.3	0.4	0.38	0.43	0.4	0.48	0.47

Table E-46. Consistency of P and E Samples for Major Post-Stratum Group 46

Domain: Non-Hispanic Black
Tenure: Non-Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3608	765	1245	1169	1745	639	982	10153
Number Consistent	2896	481	905	769	1204	382	669	7306
Proportion Consistent	0.8	0.63	0.73	0.66	0.69	0.6	0.68	0.72
NON-IMPUTED MATCHED PEOPLE								
Total	2806	558	953	827	1295	402	668	7509
Number Consistent	2360	410	782	627	980	294	516	5969
Proportion Consistent	0.84	0.73	0.82	0.76	0.76	0.73	0.77	0.79
IMPUTED MATCHED PEOPLE								
Total	802	207	292	342	450	237	314	2644
Number Consistent	536	71	123	142	224	88	153	1337
Proportion Consistent	0.67	0.34	0.42	0.42	0.5	0.37	0.49	0.51

Table E-47. Consistency of P and E Samples for Major Post-Stratum Group 47

Domain: Non-Hispanic Black
Tenure: Non-Owner
MSA/TEA: Small or Non-MSA/MOMB or Other TEAs
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2916	629	932	888	1271	400	601	7637
Number Consistent	2212	402	693	584	865	209	337	5302
Proportion Consistent	0.76	0.64	0.74	0.66	0.68	0.52	0.56	0.69
NON-IMPUTED MATCHED PEOPLE								
Total	2357	496	768	682	977	283	412	5975
Number Consistent	1885	363	618	508	736	172	260	4542
Proportion Consistent	0.8	0.73	0.8	0.74	0.75	0.61	0.63	0.76
IMPUTED MATCHED PEOPLE								
Total	559	133	164	206	294	117	189	1662
Number Consistent	327	39	75	76	129	37	77	760
Proportion Consistent	0.58	0.29	0.46	0.37	0.44	0.32	0.41	0.46

Table E-48. Consistency of P and E Samples for Major Post-Stratum Group 48

Domain: Non-Hispanic Black
Tenure: Non-Owner
MSA/TEA: Small or Non-MSA/MOMB or Other TEAs
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	476	86	168	141	202	94	142	1309
Number Consistent	355	47	137	84	125	60	99	907
Proportion Consistent	0.75	0.55	0.82	0.6	0.62	0.64	0.7	0.69
NON-IMPUTED MATCHED PEOPLE								
Total	405	61	140	108	150	63	96	1023
Number Consistent	314	39	122	72	101	48	79	775
Proportion Consistent	0.78	0.64	0.87	0.67	0.67	0.76	0.82	0.76
IMPUTED MATCHED PEOPLE								
Total	71	25	28	33	52	31	46	286
Number Consistent	41	8	15	12	24	12	20	132
Proportion Consistent	0.58	0.32	0.54	0.36	0.46	0.39	0.43	0.46

Table E-49. Consistency of P and E Samples for Major Post-Stratum Group 49

Domain: Hispanic
Tenure: Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	7891	1984	1998	3608	3854	1962	2392	23689
Number Consistent	5590	1283	1324	2548	2759	1337	1636	16477
Proportion Consistent	0.71	0.65	0.66	0.71	0.72	0.68	0.68	0.7
NON-IMPUTED MATCHED PEOPLE								
Total	5397	1298	1342	2491	2676	1408	1691	16303
Number Consistent	3970	937	969	1908	2060	1081	1265	12190
Proportion Consistent	0.74	0.72	0.72	0.77	0.77	0.77	0.75	0.75
IMPUTED MATCHED PEOPLE								
Total	2494	686	656	1117	1178	554	701	7386
Number Consistent	1620	346	355	640	699	256	371	4287
Proportion Consistent	0.65	0.5	0.54	0.57	0.59	0.46	0.53	0.58

Table E-50. Consistency of P and E Samples for Major Post-Stratum Group 50

Domain: Hispanic
Tenure: Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2300	643	591	984	1027	512	623	6680
Number Consistent	1601	398	349	651.	690	335	433	4457
Proportion Consistent	0.7	0.62	0.59	0.66	0.67	0.65	0.7	0.67
NON-IMPUTED MATCHED PEOPLE								
Total	1542	402	371	639	690	349	424	4417
Number Consistent	1150	278	239	470	511	259	324	3231
Proportion Consistent	0.75	0.69	0.64	0.74	0.74	0.74	0.76	0.73
IMPUTED MATCHED PEOPLE								
Total	758	241	220	345	337	163	199	2263
Number Consistent	451	120	110	181	179	76	109	1226
Proportion Consistent	0.59	0.5	0.5	0.52	0.53	0.47	0.55	0.54

Table E-51. Consistency of P and E Samples for Major Post-Stratum Group 51

```
Domain:      Hispanic
Tenure:      Owner
MSA/TEA:     Small or Non-MSA/MOMB or Other TEAs
Return Rate: High
Region:      Not Used
```

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2862	586	601	1085	1157	715	781	7787
Number Consistent	1996	373	397	750	818	487	523	5344
Proportion Consistent	0.7	0.64	0.66	0.69	0.71	0.68	0.67	0.69
NON-IMPUTED MATCHED PEOPLE								
Total	2061	391	400	739	814	505	525	5435
Number Consistent	1514	270	298	566	619	377	388	4032
Proportion Consistent	0.73	0.69	0.75	0.77	0.76	0.75	0.74	0.74
IMPUTED MATCHED PEOPLE								
Total	801	195	201	346	343	210	256	2352
Number Consistent	482	103	99	184	199	110	135	1312
Proportion Consistent	0.6	0.53	0.49	0.53	0.58	0.52	0.53	0.56

Table E-52. Consistency of P and E Samples for Major Post-Stratum Group 52

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Domain:      Hispanic
Tenure:      Owner
MSA/TEA:     Small or Non-MSA/MOMB or Other TEAs
Return Rate: Low
Region:      Not Used
```

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	1428	357	322	535	576	405	454	4077
Number Consistent	1030	232	210	372	407	297	322	2870
Proportion Consistent	0.72	0.65	0.65	0.7	0.71	0.73	0.71	0.7
NON-IMPUTED MATCHED PEOPLE								
Total	972	232	223	360	394	292	331	2804
Number Consistent	754	171	166	278	297	232	253	2151
Proportion Consistent	0.78	0.74	0.74	0.77	0.75	0.79	0.76	0.77
IMPUTED MATCHED PEOPLE								
Total	456	125	99	175	182	113	123	1273
Number Consistent	276	61	44	94	110	65	69	719
Proportion Consistent	0.61	0.49	0.44	0.54	0.6	0.58	0.56	0.56

Table E-53. Consistency of P and E Samples for Major Post-Stratum Group 53

Domain: Hispanic
Tenure: Non-Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	9464	3249	3116	3751	3811	1173	1543	26107
Number Consistent	7336	2267	2244	2617	2737	748	1072	19021
Proportion Consistent	0.78	0.7	0.72	0.7	0.72	0.64	0.69	0.73
NON-IMPUTED MATCHED PEOPLE								
Total	6598	2207	2203	2604	2689	770	1027	18098
Number Consistent	5327	1693	1714	2003	2069	573	801	14180
Proportion Consistent	0.81	0.77	0.78	0.77	0.77	0.74	0.78	0.78
IMPUTED MATCHED PEOPLE								
Total	2866	1042	913	1147	1122	403	516	8009
Number Consistent	2009	574	530	614	668	175	271	4841
Proportion Consistent	0.7	0.55	0.58	0.54	0.6	0.43	0.53	0.6

Table E-54. Consistency of P and E Samples for Major Post-Stratum Group 54

Domain: Hispanic
Tenure: Non-Owner
MSA/TEA: Large or Medium/MOMB
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3567	1407	1230	1541	1413	504	569	10231
Number Consistent	2754	940	864	1041	1011	311	372	7293
Proportion Consistent	0.77	0.67	0.7	0.68	0.72	0.62	0.65	0.71
NON-IMPUTED MATCHED PEOPLE								
Total	2314	912	836	1004	931	314	380	6691
Number Consistent	1898	694	643	771	731	236	294	5267
Proportion Consistent	0.82	0.76	0.77	0.77	0.79	0.75	0.77	0.79
IMPUTED MATCHED PEOPLE								
Total	1253	495	394	537	482	190	189	3540
Number Consistent	856	246	221	270	280	75	78	2026
Proportion Consistent	0.68	0.5	0.56	0.5	0.58	0.39	0.41	0.57

Table E-55. Consistency of P and E Samples for Major Post-Stratum Group 55

Domain: Hispanic
Tenure: Non-Owner
MSA/TEA: Small or Non-MSA/MOMB or Other TEAs
Return Rate: High
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2383	851	725	798	721	241	280	5999
Number Consistent	1593	525	481	447	409	119	147	3721
Proportion Consistent	0.67	0.62	0.66	0.56	0.57	0.49	0.53	0.62
NON-IMPUTED MATCHED PEOPLE								
Total	1678	589	505	516	474	143	187	4092
Number Consistent	1200	409	370	336	303	80	117	2815
Proportion Consistent	0.72	0.69	0.73	0.65	0.64	0.56	0.63	0.69
IMPUTED MATCHED PEOPLE								
Total	705	262	220	282	247	98	93	1907
Number Consistent	393	116	111	111	106	39	30	906
Proportion Consistent	0.56	0.44	0.5	0.39	0.43	0.4	0.32	0.48

Table E-56. Consistency of P and E Samples for Major Post-Stratum Group 56

Domain: Hispanic
Tenure: Non-Owner
MSA/TEA: Small or Non-MSA/MOMB or Other TEAs
Return Rate: Low
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	662	255	239	259	237	100	84	1836
Number Consistent	495	175	151	171	154	53	53	1252
Proportion Consistent	0.75	0.69	0.63	0.66	0.65	0.53	0.63	0.68
NON-IMPUTED MATCHED PEOPLE								
Total	475	183	164	176	169	68	48	1283
Number Consistent	379	137	117	128	118	43	37	959
Proportion Consistent	0.8	0.75	0.71	0.73	0.7	0.63	0.77	0.75
IMPUTED MATCHED PEOPLE								
Total	187	72	75	83	68	32	36	553
Number Consistent	116	38	34	43	36	10	16	293
Proportion Consistent	0.62	0.53	0.45	0.52	0.53	0.31	0.44	0.53

Table E-57. Consistency of P and E Samples for Major Post-Stratum Group 57

Domain: Native Hawaiian or Pacific Islander
Tenure: Owner
MSA/TEA: Not Used
Return Rate: Not Used
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	421	104	115	222	207	170	189	1428
Number Consistent	246	48	62	118	100	92	103	769
Proportion Consistent	0.58	0.46	0.54	0.53	0.48	0.54	0.54	0.54
NON-IMPUTED MATCHED PEOPLE								
Total	325	85	90	181	168	139	156	1144
Number Consistent	201	46	57	106	93	86	96	685
Proportion Consistent	0.62	0.54	0.63	0.59	0.55	0.62	0.62	0.6
IMPUTED MATCHED PEOPLE								
Total	96	19	25	41	39	31	33	284
Number Consistent	45	2	5	12	7	6	7	84
Proportion Consistent	0.47	0.11	0.2	0.29	0.18	0.19	0.21	0.3

Table E-58. Consistency of P and E Samples for Major Post-Stratum Group 58

Domain: Native Hawaiian or Pacific Islander
Tenure: Non-Owner
MSA/TEA: Not Used
Return Rate: Not Used
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	398	135	154	182	195	82	88	1234
Number Consistent	277	72	74	102	98	47	49	719
Proportion Consistent	0.7	0.53	0.48	0.56	0.5	0.57	0.56	0.58
NON-IMPUTED MATCHED PEOPLE								
Total	335	108	118	137	150	58	64	970
Number Consistent	247	65	66	85	87	41	37	628
Proportion Consistent	0.74	0.6	0.56	0.62	0.58	0.71	0.58	0.65
IMPUTED MATCHED PEOPLE								
Total	63	27	36	45	45	24	24	264
Number Consistent	30	7	8	17	11	6	12	91
Proportion Consistent	0.48	0.26	0.22	0.38	0.24	0.25	0.5	0.34

Table E-59. Consistency of P and E Samples for Major Post-Stratum Group 59

```
Domain:        Non-Hispanic Asian
Tenure:        Owner
MSA/TEA:       Not Used
Return Rate:   Not Used
Region:        Not Used
```

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3853	1071	1120	2632	3072	2056	2520	16324
Number Consistent	2782	656	677	1791	2182	1405	1813	11306
Proportion Consistent	0.72	0.61	0.6	0.68	0.71	0.68	0.72	0.69
NON-IMPUTED MATCHED PEOPLE								
Total	3045	803	855	2122	2471	1617	1957	12870
Number Consistent	2327	564	587	1600	1931	1228	1550	9787
Proportion Consistent	0.76	0.7	0.69	0.75	0.78	0.76	0.79	0.76
IMPUTED MATCHED PEOPLE								
Total	808	268	265	510	601	439	563	3454
Number Consistent	455	92	90	191	251	177	263	1519
Proportion Consistent	0.56	0.34	0.34	0.37	0.42	0.4	0.47	0.44

Table E-60. Consistency of P and E Samples for Major Post-Stratum Group 60

```
Domain:        Non-Hispanic Asian
Tenure:        Non-Owner
MSA/TEA:       Not Used
Return Rate:   Not Used
Region:        Not Used
```

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2121	1160	1254	1721	1718	823	986	9783
Number Consistent	1379	727	763	1088	1082	501	575	6115
Proportion Consistent	0.65	0.63	0.61	0.63	0.63	0.61	0.58	0.63
NON-IMPUTED MATCHED PEOPLE								
Total	1645	914	977	1349	1344	604	698	7531
Number Consistent	1141	629	681	953	952	420	472	5248
Proportion Consistent	0.69	0.69	0.7	0.71	0.71	0.7	0.68	0.7
IMPUTED MATCHED PEOPLE								
Total	476	246	277	372	374	219	288	2252
Number Consistent	238	98	82	135	130	81	103	867
Proportion Consistent	0.5	0.4	0.3	0.36	0.35	0.37	0.36	0.38

Table E-61. Consistency of P and E Samples for Major Post-Stratum Group 61

Domain: American Indian or Alaska Native on reservation
Tenure: Owner
MSA/TEA: Not Used
Return Rate: Not Used
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	3340	678	666	1098	1233	758	946	8719
Number Consistent	2503	466	449	776	862	551	723	6330
Proportion Consistent	0.75	0.69	0.67	0.71	0.7	0.73	0.76	0.73
NON-IMPUTED MATCHED PEOPLE								
Total	2862	536	527	910	1002	603	761	7201
Number Consistent	2219	411	398	689	760	478	620	5575
Proportion Consistent	0.78	0.77	0.76	0.76	0.76	0.79	0.81	0.77
IMPUTED MATCHED PEOPLE								
Total	478	142	139	188	231	155	185	1518
Number Consistent	284	55	51	87	102	73	103	755
Proportion Consistent	0.59	0.39	0.37	0.46	0.44	0.47	0.56	0.5

Table E-62. Consistency of P and E Samples for Major Post-Stratum Group 62

Domain: American Indian or Alaska Native on reservation
Tenure: Non-Owner
MSA/TEA: Not Used
Return Rate: Not Used
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	2099	355	476	571	649	229	266	4645
Number Consistent	1311	199	298	286	346	93	117	2650
Proportion Consistent	0.62	0.56	0.63	0.5	0.53	0.41	0.44	0.57
NON-IMPUTED MATCHED PEOPLE								
Total	1793	285	388	448	512	170	204	3800
Number Consistent	1181	175	273	246	305	81	106	2367
Proportion Consistent	0.66	0.61	0.7	0.55	0.6	0.48	0.52	0.62
IMPUTED MATCHED PEOPLE								
Total	306	70	88	123	137	59	62	845
Number Consistent	130	24	25	40	41	12	11	283
Proportion Consistent	0.42	0.34	0.28	0.33	0.3	0.2	0.18	0.33

Table E-63. Consistency of P and E Samples for Major Post-Stratum Group 63

Domain: American Indian or Alaska Native off reservation
Tenure: Owner
MSA/TEA: Not Used
Return Rate: Not Used
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	775	187	180	426	453	344	390	2755
Number Consistent	329	74	74	169	188	131	160	1125
Proportion Consistent	0.42	0.4	0.41	0.4	0.42	0.38	0.41	0.41
NON-IMPUTED MATCHED PEOPLE								
Total	604	157	147	353	365	268	278	2172
Number Consistent	281	66	66	153	164	111	131	972
Proportion Consistent	0.47	0.42	0.45	0.43	0.45	0.41	0.47	0.45
IMPUTED MATCHED PEOPLE								
Total	171	30	33	73	88	76	112	583
Number Consistent	48	8	8	16	24	20	29	153
Proportion Consistent	0.28	0.27	0.24	0.22	0.27	0.26	0.26	0.26

Table E-64. Consistency of P and E Samples for Major Post-Stratum Group 64

Domain: American Indian or Alaska Native off reservation
Tenure: Non-Owner
MSA/TEA: Not Used
Return Rate: Not Used
Region: Not Used

Age/Sex:	0-17	18-29 Male	18-29 Female	30-49 Male	30-49 Female	50+ Male	50+ Female	Total
ALL MATCHED PEOPLE								
Total	660	181	222	260	340	136	155	1954
Number Consistent	295	74	102	106	143	43	68	831
Proportion Consistent	0.45	0.41	0.46	0.41	0.42	0.32	0.44	0.43
NON-IMPUTED MATCHED PEOPLE								
Total	521	155	188	204	270	96	117	1551
Number Consistent	258	72	100	96	121	37	55	739
Proportion Consistent	0.5	0.46	0.53	0.47	0.45	0.39	0.47	0.48
IMPUTED MATCHED PEOPLE								
Total	139	26	34	56	70	40	38	403
Number Consistent	37	2	2	10	22	6	13	92
Proportion Consistent	0.27	0.08	0.06	0.18	0.31	0.15	0.34	0.23

Appendices

Appendix 1. Characteristic Imputation

Appendix 2. Race/Hispanic Origin Domains

Characteristic Imputation

P Sample

For dual system estimation, P-sample records are imputed because of either an edit failure or a missing value Table 1.1 identifies what is considered an imputed value for the variables needed to assign P-sample records to the post-strata. The values in the table are the imputation flag values for these variables. The flags can be found on the Person Dual System Estimation P-sample Output Person File.

Table 1.1: Identifying Imputed Values for the P Sample

P-sample Characteristic	Reported Values	Imputed Values
Age	1 = No imputation	2 = Imputation because of edit failure 3 = Imputation because of missing value
Race	1 = No imputation	2 = Imputation because of edit failure 3 = Imputation because of missing value
Hispanic Origin	1 = No imputation	2 = Imputation because of edit failure 3 = Imputation because of missing value
Sex	1 = No imputation	2 = Imputation because of edit failure 3 = Imputation because of missing value
Tenure	1 = No imputation	2 = Imputation because of edit failure 3 = Imputation because of missing value

E Sample

For dual system estimation, E-sample records are imputed using the results of the census imputation procedure. We match each E-sample housing unit or person to the Hundred Percent Census Edited File (HCEF), and fill in missing characteristics in the E-sample records with the corresponding imputed values in the HCEF records. Table 1.2 identifies what is considered an imputed value for the variables needed to assign E-sample records to a post-stratum. The values in the table are the HCEF allocation flag values for these variables. The flags can be found on the Person Dual System Estimation E-sample Output Person File.

Table 1.2: Identifying Imputed Values for the E Sample

E-sample Characteristic	Reported Values	Imputed Values
Age	0 = Both Consistent 1 = Age Only 2 = Date of birth only	3 = Inconsistent age and date of birth 4 = Allocated from hot deck 9 = E-sample person did not match to the HCEF
Race	0 = As reported	1 = Code changed through consistency edit 3 = Assigned from race response to Hispanic origin question 4 = Allocated from within household 5 = Allocated from hot deck 9 = E-sample person did not match to the HCEF
Hispanic Origin	0 = 1 reported origin 2 = Multiple response given a unique Hispanic or Non-Hispanic code	3 = Assigned Hispanic Origin from race code 4 = Allocated from within household 5 = Allocated from hot deck (surname used) 6 = Allocated from hot deck (surname not used) 9 = E-sample person did not match to the HCEF
Sex	0 = As reported	1 = From first name 2 = Edited 4 = Allocated from hot deck 5 = Allocated from consistency check 9 = E-sample person did not match to the HCEF
Tenure	0 = As reported	1 = Assigned by consistency check 4 = Allocated from hot deck 9 = E-sample person did not match to the HCEF

Race/Hispanic Origin Domains

The race/Hispanic origin domain assignment generally follows the guidelines listed below, but it is essential to see Haines (2000) for the complete set of rules used to classify people into one of the seven domains. The race/Hispanic origin domain assignment is hierarchical.

Domain 1 (American Indian or Alaska Native on reservations) includes:

- All people on a reservation with American Indian or Alaska Native either as their single race or as one of multiple races, regardless of their Hispanic origin.

Domain 2 (American Indian or Alaska Native off reservations) includes:

- All people in Indian Country[1] but not on a reservation with American Indian or Alaska Native either as their single race or as one of multiple races, regardless of their Hispanic origin.

- All non-Hispanic people not in Indian Country with American Indian or Alaska Native as their single race.

Domain 3 (Hispanic) includes:

- All Hispanic people in Indian Country, excluding those with American Indian or Alaska Native either as their single race or as one of multiple races.

- All Hispanic people not in Indian Country, excluding those who live in the state of Hawaii and have Native Hawaiian or Pacific Islander as a single race or as one of multiple races.

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[1] Indian Country is land considered (either wholly or partially) on an American Indian reservation/trust land, Tribal Jurisdiction Statistical Area, Tribal Designated Statistical Area, or Alaska Native Village Statistical Area. For Census 2000, Tribal Jurisdiction Statistical Area has been formally renamed as Oklahoma Tribal Statistical Area.

Domain 4 (Non-Hispanic Black) includes:

- All non-Hispanic people with Black as their only race.

- All non-Hispanic people with the race combination of Black and American Indian or Alaska Native who do not live in Indian Country.

- All people with the race combination of Black and another single race group (Native Hawaiian or Pacific Islander, Asian, White, or "Some other race"), excluding those who live in the state of Hawaii and are Native Hawaiian or Pacific Islander in addition to Black.

Domain 5 (Native Hawaiian or Pacific Islander) includes:

- All non-Hispanic people with the single race Native Hawaiian or Pacific Islander.

- All non-Hispanic people with the race combination of Native Hawaiian or Pacific Islander and American Indian or Alaska Native who do not live in Indian Country.

- All non-Hispanic people with the race combination of Native Hawaiian or Pacific Islander and Asian.

- All people living in the state of Hawaii with Native Hawaiian or Pacific Islander race, regardless of their Hispanic origin and whether they identify with a single race or multiple races.

Domain 6 (Non-Hispanic Asian) includes:

- All non-Hispanic people with Asian as their single race.

- All people with the race combination of Asian and American Indian or Alaska Native who do not live in Indian Country.

Domain 7 (Non-Hispanic White or "Some other race") includes:

- All non-Hispanic people self-identifying as either White or "Some other race" as their single race, or self-identifying as both White and "Some other race."

- All non-Hispanic people with the race combination of American Indian or Alaska Native and White or "Some other race" who do not live in Indian Country.

- All non-Hispanic people with the race combinations of Asian and White or "Some other race."

- All non-Hispanic people with the race combination of Native Hawaiian or Pacific Islander and White or "Some other race," excluding those who live in the state of Hawaii.

- All non-Hispanic people with three or more races who live in Indian Country, excluding those with American Indian or Alaska Native as one of the races.

- All non-Hispanic people with three or more races and who do not live in Indian Country, excluding those who live in Hawaii and have Native Hawaiian or Pacific Islander as one of the races.